	WHAT IS CLAIMED IS:				
1	1. A vascular prosthesis comprising:				
2	an expansible structure which is implantable within a body lumen; and				
3	means on or within the structure for releasing mizoribine into the body lumen				
4	to inhibit smooth muscle cell proliferation.				
1	2. A prosthesis as in claim 1, wherein mizoribine is released at a rate				
2	between 5 μg/day to 200 μg/day.				
1	3. A prosthesis as in claim 1, wherein mizoribine is released at a rate				
2	between 10 μg/day to 60 μg/day.				
1	4. A prosthesis as in claim 1, wherein mizoribine is released at an initial				
2	phase wherein a rate of mizoribine release is between 0 μg/day to 50 μg/day and a subsequen				
3	phase wherein a rate of mizoribine release is between 5 μg/day to 200 μg/day.				
<u>1</u>	5. A prosthesis as in claim 1, wherein mizoribine is released at an initial				
2	phase wherein a rate of mizoribine release is between 5 μg/day to 30 μg/day and a subsequen				
	phase wherein a rate of mizoribine release is between 10 μg/day to 100 μg/day.				
Ī	6. A prosthesis as in claim 1, wherein mizoribine is released at an initial				
2	phase wherein a rate of mizoribine release is between 40 μg/day to 300 μg/day and a				
3 <u>.</u>	subsequent phase wherein a rate of mizoribine release is between 1 μg/day to 100 μg/day.				
1	7. A prosthesis as in claim 1, wherein mizoribine is released at an initial				
2	phase wherein a rate of mizoribine release is between 40 μg/day to 200 μg/day and a				
3	subsequent phase wherein a rate of mizoribine release is between 10 $\mu$ g/day to 40 $\mu$ g/day.				
1	8. A prosthesis as in claim 1, wherein mizoribine is released at a constant				
2	rate between 5 μg/day to 200 μg/day.				
1	9. A prosthesis as in claim 1, wherein a total amount of mizoribine				
2	release is in a range from 100 μg to 10 mg.				

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release is in a range from 300  $\mu g$  to 2 mg.

A prosthesis as in claim 1, wherein a total amount of mizoribine

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•	11.	A prosthesis as in claim 1, wherein a total amount of mizoribine
release is in a	ange f	rom 500 μg to 1.5 mg.

- 12. A prosthesis as in claim 1, wherein a mammalian tissue concentration of mizoribine at an initial phase is within a range from 0  $\mu$ g/mg of tissue to 100  $\mu$ g/mg of tissue.
- 13. A prosthesis as in claim 1, wherein a mammalian tissue concentration
   of mizoribine at an initial phase is within a range from 0 μg/mg of tissue to 10 μg/mg of
   tissue.
  - 14. A prosthesis as in claim 1, wherein a mammalian tissue concentration of mizoribine at a subsequent phase is within a range from 1 picogram/mg of tissue to 100  $\mu$ g/mg of tissue.
  - 15. A prosthesis as in claim 1, wherein a mammalian tissue concentration of mizoribine at a subsequent phase is within a range from 1 nanogram/mg of tissue to 10  $\mu$ g/mg of tissue.
  - graft.

    A prosthesis as in claim 1, wherein the expansible structure is a stent or
  - 17. A prosthesis as in claim is wherein the means for releasing mizoribine comprises a matrix formed over at least a portion of the structure.
- 1 18. A prosthesis as in claim 17, wherein the matrix is composed of a material which undergoes degradation.
- 1 19. A prosthesis as in claim 17, wherein the matrix is composed of a nondegradable material.
  - 20. A prosthesis as in claim 19, wherein mizoribine is released by diffusion through the nondegradable matrix.
- 1 21. A prosthesis as in claim 17, wherein the matrix comprises multiple 2 layers, wherein at least one layer contains mizoribine and another layer contains mizoribine, 3 at least one substance other than mizoribine, or no substance.

1	•	22.	A prosthesis as in claim 21, wherein the at least one substance other	
2	than mizotibine is an immunosuppressive substance selected from the group consisting of			
3	rapamycin, m	ycopher	nolic acid, riboflavin, tiazofurin, methylprednisolone, FK 506, zafurin,	
4	and methotrex	ate.		
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1		23.	A prosthesis as in claim 21, wherein the at least one substance other	
2	than mizoribine is an agent selected from the group consisting of anti-platelet agent, anti-			
3	thrombotic ag	ent, and	IIb/IIIa agent.	
1		24.	A prosthesis as in claim 1, wherein the means for releasing mizoribine	
2	comprises a ra	te limit	ing barrier formed over at least a portion of the structure.	
1		25.	A prosthesis as in claim 24, wherein mizoribine is released by	
2	diffusion throu	igh the	rate limiting barrier.	
y Y		2.0		
拉		26.	A prosthesis as in claim 1, wherein the means for releasing mizoribine	
Ū	-	servoir	on or within the structure containing mizoribine and a cover over the	
IJ! .⊑	reservoir.			
1		27.	A prosthesis as in claim 1, wherein mizoribine is on or within the	
29 74 35 3 4 41 71 TH Z	expansible structure.			
<u>L</u>		28.	A prosthesis as in claim 1, wherein mizoribine is disposed within a	
matrix or rate limiting membrane.			membrane.	
1		29.	A vascular prosthesis comprising:	
2			ansible structure which is implantable within a body lumen; and	
3		a rate li	imiting barrier on the structure for releasing mizoribine into the body	
4	lumen to inhib	it smoo	th muscle cell proliferation;	
5		wherei	n the barrier comprises multiple layers, each layer comprising parylast	
6	or paralene and	d having	g a thickness in a range from 50\nm to 10 microns.	
1		30.	A prosthesis as in claim 29, wherein mizoribine is released at a rate	
2	between 5 μg/c	day to 2	00 μg/day. \	
1		31.	A prosthesis as in claim 29, wherein mizoribine is released at a rate	
2	between 10 μg	/day to	60 μg/day.	

1	32. A prosthesis as in claim 29, wherein at least one layer contains			
2	mizoribine and another layer contains mizoribine, at least one substance other than			
3	mizoribine, or no substance.			
1	A manufar prosthogia comprising			
1	33. A vascular prosthesis comprising:			
2	an expansible structure;			
3	a source of mizoribine on or within the structure, wherein the mizoribine is			
4	released from the source when the expansible structure is implanted in a blood vessel; and			
5	a source of at least one other substance in addition to mizoribine on or within			
6	the structure, wherein the at least one additional substance is released from the source when			
7	the expansible structure is implanted in a blood vessel.			
1 ====================================	34. A prosthesis as in claim 33, wherein the at least one additional			
2	substance is an immunosuppressive substance selected from the group consisting of			
3- 1	rapamycin, mycophenolic acid, riboflavin, tiazofurin, methylprednisolone, FK 506, zafurin,			
	and methotrexate.			
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=	35. A prosthesis as in claim 33, wherein the at least one additional			
<u>2</u>	substance comprises at least one agent selected from the group consisting of anti-platelet			
3 <u>.</u> 1	agent, anti-thrombotic agent, and IIb/IIIa agent.			
i ļi	36. A prosthesis as in claim 33, wherein each source comprises a matrix,			
<u> 2</u>	rate limiting membrane, or reservoir.			
1	37. A method for inhibiting restenosis in a blood vessel following			
2	recanalization of the blood vessel, said method comprising:			
3	implanting a vascular prosthesis in the blood vessel; and			
4	releasing mizoribine into the blood vessel so as to inhibit smooth muscle cell			
5	proliferation.			
6	38. A method as in claim 37, wherein mizoribine is released at a rate			
2	between 5 μg/day to 200 μg/day.			
1	39. A method as in claim 37, wherein mixoribine is released at a rate			
2	between 10 μg/day to 60 μg/day.			

A method as in claim 37, wherein mizoribine is released within a time 40. 1 period of \ day to 45 days in a vascular environment. 2 A method as in claim 37, wherein mizoribine is released within a time 1 41. 2 period of 7 days to 21 days in a vascular environment. A method as in claim 37, further comprising releasing at least one 42. 1 2 other substance in addition to mizoribine simultaneously with mizoribine release. A method as in claim 37, further comprising releasing at least one 1 43. other substance in addition to mizoribine sequentially with mizoribine release. 2 1 44. A method as in claim 42 or 43, wherein the at least one additional substance is an immunosuppressive substance selected from the group consisting of 2000年10月14年30月日15日 rapamycin, mycophenolic acid, riboflavin, tiazofurin, methylprednisolone, FK 506, zafurin, and methotrexate. 45. A method as in claim 37, wherein the releasing comprises delaying substantial release of mizoribine for at least one hour following implantation of the prosthesis. A method as in claim 45, wherein delaying release comprises slowing 46. release from a reservoir with a material that at least partially degrades in a vascular environment over said one hour. A method as in claim 45, wherein delaying release comprises slowing 1 47. 2 release with a matrix that at least partially degrades in a vascular environment over said one 3 hour. A method as in claim 45, wherein delaying release comprises slowing 48. 1 release with a nondegradable matrix that allows diffusion of mizoribine through the 2 3 nondegradable matrix after said one hour.

release with a rate limiting barrier that allows diffusion of mizoribine through the barrier after

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said one hour.

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A method as in claim 45, wherein delaying release comprises slowing

1		50.	A method as in any one of claims 47-49, wherein the prosthesis is
2	coated with th	e matri	x or barrier by spraying, dipping, deposition, or painting.
1	\	<b>\</b> 51.	A method as in claim 37, wherein the prosthesis incorporates
2	mizorihine hv	\	g, spraying, dipping, deposition, chemical bonding, or painting
3	mizoribine on	\	
,		ine pro	. ·
1	B'/	52.	A method for inhibiting restenosis in a blood vessel following
2	recanalization	of the l	blood vessel, said method comprising:
3	•	implar	nting a vascular prosthesis in the blood vessel; and
4		releasi	ng mizoribine and at least one other substance in addition to mizoribine
5	from the prost	hesis w	then implanted in the blood vessel.
		53.	A method as in claim 52, wherein the at least one additional substance
	is an immunos		sive substance selected from the group consisting of rapamycin,
 3_			iboflavin, tiazofurin, methylprednisolone, FK 506, zafurin, and
	methotrexate.		
Ę		54.	A method as in claim 53, wherein the immunosuppressive substance i
# 52	mycophenolic		77 method us in claim 33, wherein the manufacture process of succession 3
fu	mycophenone	acid.	
 		55.	A method as in claim \$3, wherein the immunosuppressive substance i
2	methylprednis	olone.	
1		56.	A method as in claim 55, wherein mizoribine is released within a time
2	period of 1 day	y to 45	days and methylprednisolone is released within a time period of 2 days
3	to 3 months.		
1		57.	A method as in claim 52, wherein the at least one additional substance
2	comprises at le	east one	e agent selected from the group consisting of anti-platelet agent, anti-
3	thrombotic age	ent, and	I IIb/IIIa agent.
1		58.	A method as in claim 52, wherein mizoribine and the at least one
2	additional sub	stance a	are released simultaneously.
1		59.	A method as in claim 52, wherein mizoribine and the at least one
2			are released sequentially.
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